This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-7. (canceled).

Claim 8. (currently amended) An optical unidirectional ring network, comprising:

A plurality of network nodes, in which data signals are transmitted in wavelength-division multiplex operation via an optical fiber and every network node is assigned for its data signal to be emitted an assigned transmission channel with a transmission band used only once; and

at least one network node having an add-drop arrangement, comprising:

a branching coupler having an input, to which signals are fed from the optical ring network, said first coupler having a first output and a second output;

a grating filter, operating as a bandstop filter ~~apparatus~~, having a first input connected to said first output of said branching coupler, and wherein said ~~bandstop~~ grating filter apparatus is tuned to a wavelength of a signal to be launched, so that an incoming optical signal having this wavelength is reflected, and incoming signals having all other wavelengths are passed at an output,~~;~~ wherein said grating filter also operates as

a second optical coupler, ~~coupled to the output of the bandstop filer apparatus,~~ said garting filter~~second optical coupler~~ further having an add input into which said outgoing signal to be launched is fed against its transmission direction, reflected, and added to said passed signals; and

a further optical filter, connected to said second output of said branching coupler, via which an incoming optical signal is output.

Claim 9. (new) An add-drop-apparatus for an unidirectional optical ring network for outputting an incoming optical signal and for launching an outgoing optical signal, comprising:

a first coupler, coupled to said optical ring network, said first coupler having an input, to which incoming optical signals are fed, and a first and second output;

a grating filter, operating as a bandstop filter on an optical signal connected in series with said first coupler; wherein a first input of said grating filter is connected to said first output of said first coupler, said grating filter being tuned to a wavelength of the outgoing optical signal to be launched, such that an incoming optical signal having this wavelength is reflected, and incoming signals having all other wavelengths are passed at an output, said grating filter further operating as a second optical coupler having an add input into which said outgoing optical signal to be launched is fed against its transmission direction, reflected, and added to said passed signals and transmitted; and

a further optical filter, wherein said second output of said first coupler is connected to the further optical filter via which an incoming optical signal is output.

Claim 10. (new): The add-drop apparatus as claimed in claim 9, wherein said further optical filter of said add-drop arrangement is configured to output different transmission channels.

Claim 11. (new): The add-drop apparatus as claimed in claim 10, further comprising:

other further filters which can be exchanged or switched over, and

exchangeable second optical couplers with grating filters tuned to other wavelengths.

Claim 12. (new): The add-drop apparatus as claimed in claim 11, further comprising exchangeable second optical couplers which are tuned to other wavelengths.

Claim 13. (new): The add-drop apparatus as claimed in claim 10, wherein said second optical coupler has a further connection via which said reflected signals are led to an optical link.